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APPLICANT : HONDA MOTOR CO LTD;

INVENTOR : SATO KAZUHIRO;

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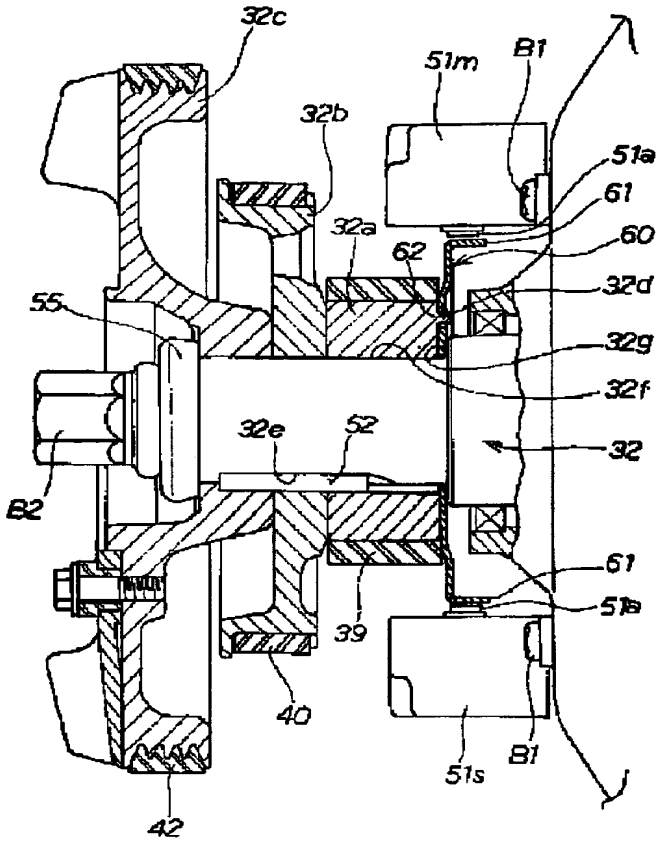
TITLE : DETECTOR FOR TIMING PULSE OF ENGINE



ABSTRACT : PROBLEM TO BE SOLVED: To enable the exchange of detecting members, and facilitate the detection of a different rotational position of a crankshaft by detachably installing a detecting member for detecting the rotational position of a crankshaft by a proximity sensor to the crank shaft by a fastening member.

SOLUTION: A detecting member 60 is fitted to a small diameter part 32f of a crankshaft 32. While a first pulley 32a is fitted to the small diameter part 32f, a projection part 32d of the first pulley 32a is inserted into an elongate hole 62 of a detecting member 60. A second pulley 32b is fitted to the small diameter part 32f. A third pulley 32c is fitted to the small diameter part 32f of the crankshaft 32. A bolt B2 is screwing-connected around a female screw arranged on an end part of the crankshaft 32 through a washer 55. The detecting member 60 is detachably installed on the crankshaft 32 by the bolt B2 in order to detect the rotational position of the crankshaft 32 by a proximity sensor 51m. It is thus possible to exchange the detecting member 60 easily.

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